

- 3 -

In the claims:

All claims standing for examination are reproduced below. Claims 1 and 7 are amended in this response.

1. (Currently amended) A networking system for a home or business site, comprising:
 - a bridge adapter unit at the home or business site, having ~~an inlet port~~ a first connection point for connecting to an external communication network and receiving public network protocol signals; and
 - a telephone wiring structure in the site, the wiring structure having multiple end points and one or more junctions, and connected at a single point to ~~an outlet port~~ a second connection point of the bridge adapter unit;characterized in that the bridge adapter unit ~~drives~~ operates the telephone wiring structure according to a Local Area Network (LAN) protocol, translates all received public network protocol signals, ~~regardless of protocol,~~ to the single a LAN protocol required by the telephone wiring structure, and modulates the signals in a manner to correct any signal variations at the end points due to having multiple end points ~~driven~~ operated from a single point at the bridge adapter unit.
2. (Previously presented) The networking system of claim 1 further comprising one or more converters connected at individual ones of the end points, the one or more converters comprising each an outlet port to connect to a single-media or a multi-media device, the converters converting the LAN signals to a form required by the single-media or multi-media device.
3. (Previously presented) The networking system of claim 2 further comprising one or more single-media or multi-media devices connected to one or more of the converters.
4. (Previously presented) The networking system of claim 3 wherein the single-media and

- 4 -

multi-media electronic devices include one or more of telephones, personal computers, fax machines, and televisions running through set top boxes.

5 - 6: (Canceled)

7. (Currently amended) A method for implementing a networking system, comprising the steps of:

- (a) delivering public network protocol signals to a level of a home or business site;
- (b) installing a bridge adapter unit having ~~an inlet port~~ a first connection point for connecting to an external communication network and for the receiving public network protocol signals at the site;
- (c) connecting a telephone wiring structure having multiple end points and one or more junctions, at a single connection point to an outlet port a second connection point of the bridge adapter unit;
- (d) ~~driving~~ operating the telephone wiring structure according to a single Local Area Network (LAN) protocol by the bridge adapter unit, translating and converting the public network protocol signals, ~~regardless of protocol,~~ into the single a LAN protocol required by the telephone wiring structure; and
- (e) modulating the signals in a manner to correct variations at the end points due to having multiple end points ~~driven~~ operated from the single point at the bridge adapter unit.

8. (Previously presented) The method of claim 7 comprising a further step installing one or more converters connected at individual ones of the end points, the one or more converters comprising each an outlet port to connect to a single-media or a multi-media device, the converters converting the LAN signals to a form required by the single-media or multi-media device.

- 5 -

9. (Previously presented) The method of claim 8 wherein, in the further step, the single-media or multi-media devices include one or more of telephones, personal computers, fax machines, and televisions running through set-top boxes.

10-13. (Canceled)

14. (Previously presented) The networking system of claim 3 wherein individual ones of the converters are integrated into individual ones of the single-media or multi-media devices.

15. (Previously presented) The networking system of claim 3 wherein individual ones of the converters are internal modules of individual ones of the single-media or multi-media devices.

16. (Previously presented) The method of claim 8 wherein individual ones of the converters are integrated into individual ones of the single-media or multi-media devices.

17. (Previously presented) The method of claim 8 wherein individual ones of the converters are internal modules in individual ones of the single-media or multi-media devices.